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AMENDMENT TRANSMITTAL LETTER  Application No. Filing Date Examiner						Docket No. 29171/36823A	
Application No. 10/031,659		Filing Date November 13, 2001		Examiner David B. Esplin		Art Unit 2851	
Applicant(s): Nongjian Tao et al.							
	ACE PLASMON AST RESPON		E DETECTIO	ON WITH HIGH AND	GULAR R	ESOLUTION	
Transmitted here	with is an ame		above-identif	ied application.			
The fee has been calculated and is transmitted as shown below.  CLAIMS AS AMENDED							
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	. Rate			
Total Claims	39	- 39 =	0	x		0.00	
Independent Claims	2	- 3 =	0	х		0.00	
Multiple Dependent Claims (check if applicable)							
Other fee (please specify):							
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: 0.00						0.00	
Large Entity Small Entity							
x No additional fee is required for this amendment.							
Please charge Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.							
A check in the amount of \$ to cover the filing fee is enclosed.							
Payment by credit card. Form PTO-2038 is attached.							
The Director is hereby authorized to charge and credit Deposit Account No13-2855 as described below. A duplicate copy of this sheet is enclosed.							
x Credit any overpayment.  x Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.							
						31, 2003	
Mark H. Hopkins, Ph.D. Reg. No.: 44,775							
MARSHALL, G 233 S. Wacker Sears Tower Chicago, Illinois (312) 474-6624	Drive, Suite 63 60606-6357						
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.							
Dated: December 31, 2003 Signature: (Mark H. Hopkins, Ph.D.)							



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Tao et al.	CERTIFICATE OF MAILING			
Serial No.: 10/031,659 Filed: November 13, 2001	<ul> <li>I hereby certify that this paper is being</li> <li>deposited with the U.S. Postal Service as</li> <li>First Class Mail in an envelope, postage</li> </ul>			
Title: "Surface Plasmon Resonance Detection with High Angular Resolution and Fast Response Time"	prepaid, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 31, 2003.			
Group Art Unit: 2851 Examiner: David B. Esplin	Mark H. Hopkins, Ph.D.			
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## **AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111**

MS Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Office Action of October 2, 2003 in which all elected claims (1-7, 18-25, 29, 30, and 37-39) stand rejected under 35 U.S.C. §§ 101, 103(a) and 112, second paragraph. Reconsideration of the rejection is solicited for the reasons set out below. This response is timely filed before January 2, 2004.

Please amend the above-identified U.S. patent application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.